



**STATE OF OKLAHOMA
BOARD OF TESTS FOR ALCOHOL AND DRUG INFLUENCE**

Post Office Box 36307

Oklahoma City, Oklahoma 73136-2307

Dr. Jarrad Wagner, Ph.D. F-ABFT
Chairman

Phone: (405) 425-2460 Fax: (405) 425-2490
www.bot.ok.gov

Joshua Smith
Director

ATTESTATION

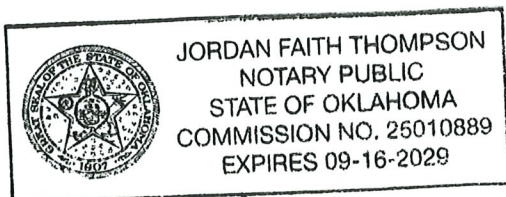
I, the undersigned Joshua Smith (Director/Records Custodian), attest under oath pursuant to 12 O.S. §2902 this record was made, at or near the time of the occurrence of the matters set forth by or from information transmitted by a person having knowledge of those matters; was kept in the course of the regularly conducted business activity of the Board; and was made pursuant to the regularly conducted activity. The duplicate record provided is listed below:

- 1) The attached "Service Overview" is a true and accurate copy of maintenance performed on the Intoxilyzer 8000, serial number 80-003462, in compliance with the agency's Maintenance Policy and Procedures.

Signed _____

Joshua Smith

Name of Position: Director/Records Custodian



State of Oklahoma

County of Oklahoma

Signed or attested before me on 10/07/2025

by Joshua Smith.

Jordan Faith Thompson

(Signature of notarial officer)

Service Overview

Board of Tests for Alcohol and Drug Influence
*Enhancing public safety by ensuring the accuracy and scientific reliability
of blood and breath testing*



2/17

3600 N. Martin Luther King Bldg #9
Oklahoma City, OK 73111
405-425-2460

BENCH CHECK DATE: 8/22/2024

SERIAL: 80-003462

DOCUMENTATION WITHIN SERVICE PACKET:

- BOT Certificate of Maintenance, Calibration and Operation
- Bench Check
- BOT Dry Gas Certificate of Analysis
- Ilmo Specialty Gases Certificate of Analysis
- Mock Subject Test
- BOT Certificate of Analysis on Certified Solutions (4)
- Guth Laboratories Certificate of Analysis (4)



3/17

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CERTIFICATE of MAINTENANCE, CALIBRATION, and OPERATION

This certifies the **Intoxilyzer 8000** referenced below, manufactured by CMI, Inc., a subsidiary of MPD, Inc. of Owensboro, Kentucky, is maintained by the Board of Tests for Alcohol and Drug Influence in accordance with 40 O.A.C. 30-1-3. The instrument reported below is hereby deemed to be in compliance with Board rules via linearity accuracy examination and operational/functional procedure evaluation also referred to as a "Bench Check". The Intoxilyzer 8000 appears on the National Highway Traffic Safety Administration's Conforming Products List of Evidential Breath Alcohol Measurement Devices (82 FR 50940 *et seq*) as an approved device. In accordance with 40 O.A.C. 25-1-2, this instrument is approved and certified for use in the State of Oklahoma as an automated evidential breath-alcohol measurement device by the Board of Tests pursuant to 47 O.S. § 759.

All analyses conducted by this instrument are considered precise, valid, and in accordance with 40 O.A.C. 30-1-3(b) Operating Procedure(s). A printed breath test operator affidavit containing the seal of the Board by this instrument confirms a calibration check successfully verified the instrument's calibration at the time of test. The printed breath test affidavit also serves as proof that safeguards in place to protect the breath samples, including but not limited to Ambient Air Interference, Radio Frequency Interference, Residual Mouth Alcohol, Deficient Samples, etc. were not triggered and the test is a true and accurate scientific measurement of the person's alcohol concentration.

- Maintenance was performed on the Intoxilyzer 8000, Serial No. 80-003462 on 8/22/2024 in accordance with 40 O.A.C. 30-1-3 and internal BOT maintenance policy and procedures.
- A dry gas canister appearing on the National Highway Traffic Safety Administration's Conforming Products List of Calibrating Units for Breath Alcohol Testers (77 FR 64588 *et seq*) and approved in accordance with 40 O.A.C. 25-1-3 and BOT maintenance policy was installed.
 - Manufacturer: ILMO Unit: 208 ppm / 105 L
 - Cylinder Lot No. - Canister No.: 10124080A3-034
 - BOT analysis average test result: 0.080
 - Cylinder expiration date: 6/5/2026
- In accordance with 40 O.A.C. 25-1-2.1, the approved reference standards and equipment were used:

Simulator Model			
Guth 2100	Guth 2100	Guth 2100	Guth 2100
Serial #			
DR2834	DR3694	DR2455	DR3641
Concentration			
.02	.04	.10	.20
LOT #			
23360	23400	24110	23340
Manufactured Date			
9/25/2023	10/24/2023	3/5/2024	9/18/2023
Expiration Date			
9/25/2025	10/24/2025	3/5/2026	9/18/2025
Solution Commission Date			
8/12/2024	8/12/2024	8/12/2024	8/12/2024

Completed by BOT Personnel:


Signature/Name Christopher Pape

Breath-Alcohol Testing Program Administrator
Title

Certified by:

Signature Joshua Smith
Name

State Director
Title

STATE OF OKLAHOMA - BOARD OF TESTS FOR ALCOHOL AND DRUG INFLUENCE

CMI INTOXILYZER BENCH CHECK PROCEDURE REPORT

BENCH CHECK DATE 08/22/2024	TIME PROCEDURE BEGAN 10:24:3	INSTRUMENT LOCATION 80-003462
INSTRUMENT TYPE Intoxilyzer	INSTRUMENT MODEL I-8000	INSTRUMENT SERIAL NUMBER 80-003462

TEST RESULTS

Diagnostics

PASS

Mouth Alcohol Test

PASS

RFI Test

PASS

Abort Test

PASS

Improper Sample Test

PASS

Interferent Detect Test

PASS

No Sample Given Test

PASS

Insufficient Sample Test

PASS

Air Blank Contamination Test

PASS

Range Exceeded Test

PASS

Duplicate Breath Sampling Results

Value	Test 1	Test 2	Control Test
.02	0.019	0.019	0.020
.04	0.039	0.039	0.039
.10	0.098	0.098	0.096
.20	0.195	0.194	0.194

PASS

CERTIFYING TECHNICIAN

I swear under penalty of perjury that in regards to the above listed instrument, I have complied with the Intoxilyzer Bench Checking Procedure approved by the State of Oklahoma.

SIGNATURE 	DATE 8/22/2024
NAME PAPE, CHRISTOPHER	PERMIT # 0000023020



**STATE OF OKLAHOMA
BOARD OF TESTS FOR ALCOHOL AND DRUG INFLUENCE**

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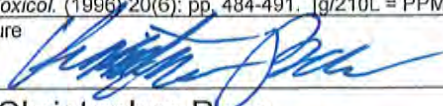
Joshua Smith
Director

Certificate of Analysis – Dry Gas

ALPHA INSTRUMENT
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-002591
07/23/2024 13:38

Test	g/210L	Time
Air Blank	0.000	13:38
Cal Check	0.080	13:38
Air Blank	0.000	13:39
Cal Check	0.080	13:39
Air Blank	0.000	13:40
Cal Check	0.081	13:40
Air Blank	0.000	13:41
Cal Check	0.080	13:41
Air Blank	0.000	13:41
Cal Check	0.079	13:42
Air Blank	0.000	13:42
Cal Check	0.080	13:43
Air Blank	0.000	13:43
Cal Check	0.079	13:43
Air Blank	0.000	13:44
Cal Check	0.080	13:44
Air Blank	0.000	13:45
Cal Check	0.080	13:45
Air Blank	0.000	13:46
Cal Check	0.080	13:46
Air Blank	0.000	13:46
Cal Check Stats		
Average	0.0799	
Std Dev	0.0005	
Rel Std Dev(%)	0.7104	

Known Breath-Alcohol Equivalent (g/210L) Ratio of Nitrogen and Ethanol Gas (208 ppm/105 L)
0.08 g/210L = 208 PPM ÷ 2605*

Manufacturer: ILMO	Manufacturer Cert. No.: 16521	Cylinder Size: 105L
Lot No.: 10124080A3	Cylinder No.: 034	Expiration Date: 06/05/2026
The above 105 L cylinder has been analyzed via Infrared Spectroscopy utilizing the Intoxilyzer 8000 and was performed in accordance with the procedures prescribed by the State Director of Tests pursuant to 40 OAC 30-1-3. The above NIST traceable reference standard meets the requirements for use as a calibrating unit in accordance with 47 O.S. 759, 40 OAC 25-1-3, and appears on the current conforming products list of calibrating units for breath alcohol testers published by the U.S. Department of Transportation in the Federal Register [77 FR 64588 et seq]. * See Dubowski, K.M. and Essary N., <i>Journal of Anal. Toxicol.</i> (1996) 20(6): pp. 484-491. [g/210L = PPM ÷ 2605].		
Signature: 		Date: 07/23/2024
Name: Christopher Pape		Permit No.: 23020



7 Eastgate Dr. • P.O. Box 790 • Jacksonville, IL 62651-0790
 217-245-2183 • Fax: 217-243-7634 • www.ilmoproducts.com

Certificate of Analysis

Certificate ID: 16521
 Part #: BAC105L080T
 Cylinder Size: 105L
 Lot Number: 10124080A3
 Expiration: 6/5/2026

RCVD
 7/23/2024
 CP

0.080 BAC (For the calibration of instruments used to determine breath alcohol concentration)

Contents: 105 Liters @ 1000 psig 70°F (21°C)

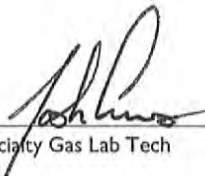
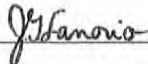
Component:	Reported Concentration:	Analytical Accuracy (U, k=2): abs	Analytical Method:
Ethanol	208 ppm	+/-0.002 BAC(G/210L) [5.2 ppm]	NDIR
Nitrogen	Balance		

Distributed by:

CMI Inc.
 316 East Ninth Street
 Owensboro, KY 42303
 Phone 866-835-0690
www.alcoholtest.com

*Reference Standard:
 NIST Traceable Certified Reference Material - 262.3 µmol/mol
 Ethanol in Nitrogen - Serial No. ND7017 Lot No. 080722E2

Store in dry area, away from sources of heat, ignition and direct sunlight. Do not allow storage area to exceed 52 °C (125 °F).


 Specialist Gas Lab Tech


05-14-2024
 Issuance Date



The calibration results within this certificate were obtained at the facility listed above using equipment and standards capable of producing analytical results traceable to NIST, and apply only to the items contained on this certificate. ILMO Products Company makes no warranty or representation as to the suitability of the use of any information provided for any particular purpose. The information use is at the sole discretion and risk of the user. Liability shall be limited to established replacement cost of this material or service. This certificate applies only to the items described and shall not be reproduced other than in full, without written approval from the issuing facility.

ISO/IEC 17025:2017 Accredited Laboratory

OFFICER'S IMPAIRED DRIVING AFFIDAVIT

7/17

Section 1

ARREST DATE 08/22/2024	ARREST TIME 1130	COUNTY # 55	CITY #	CITATION #
ARREST LOCATION BOT		CITY	COUNTY OKLAHOMA	
SUBJECT NAME BREATHTEST, FRANK		DATE OF BIRTH 03/15/1981	SEX M	HEIGHT 509
ADDRESS 3600 MARTIN LUTHER KING		CITY OKLAHOMA CITY	STATE OK	WEIGHT 175
DRIVER LICENSE # H083463197		EXPIRATION DATE 10/31/2022	CLASS D	RESTRICTIONS ENDORSEMENTS
VEHICLE MAKE MOCK	MODEL MOCK	TAG # MOCK	STATE OK	CMV N
			PLACARD N	

On the above date, time, and location, the above named person was arrested, and I had reasonable grounds to believe the person was driving or in actual physical control of a motor vehicle upon a public road, highway, street, turnpike, public parking lot, or other public place, or upon a private road, street, alley or lane which provides access to one or more single or multi-family dwelling within this state while under the influence of alcohol and/or other intoxicating substances as prohibited by law.

(Describe driving behavior or circumstances):

MOCK SUBJECT TEST

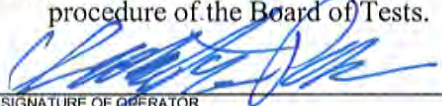
Describe person's condition (odor, actions, etc.):

ROUTINE MAINTENANCE, INSTALLED NEW CYLINDER

THE PERSON WAS INFORMED OF THE IMPLIED CONSENT TEST REQUEST

BREATH-ALCOHOL ANALYSIS RECORD, REPORT OF THE PERSON NAMED IN SECTION 1 ABOVE, and LOG OF TEST AND MAINTENANCE RECORD.

Section 2

EQUIPMENT I-8000	SERIAL NUMBER 80-003462	SPECIALIST BOARD OF TESTS																																				
STANDARD Dry	TARGET VALUE 0.080	PERMIT NUMBER 23020																																				
MANUFACTURER ILMO	LOT # 10124080A3	DATE CYLINDER INSTALLED 08/22/2024																																				
		DATE CYLINDER EXPIRES 06/05/2026																																				
OBSERVATION START 1145	TEST DATE 08/22/2024	A 15-minute (or greater) deprivation/observation period was observed prior to and continuing to the time of test administration.																																				
RESULT TABLE																																						
<table><thead><tr><th>Test</th><th>g/210L</th><th>Time</th></tr></thead><tbody><tr><td>Air Blank</td><td>0.00</td><td>12:16</td></tr><tr><td>Subject Test</td><td>0.00</td><td>12:17</td></tr><tr><td>Breath Volume</td><td>2.089 LITERS</td><td></td></tr><tr><td>Air Blank</td><td>0.00</td><td>12:18</td></tr><tr><td>Wait</td><td></td><td>12:19</td></tr><tr><td>Air Blank</td><td>0.00</td><td>12:20</td></tr><tr><td>Subject Test</td><td>0.00</td><td>12:20</td></tr><tr><td>Breath Volume</td><td>2.058 LITERS</td><td></td></tr><tr><td>Air Blank</td><td>0.00</td><td>12:21</td></tr><tr><td>Cal Check</td><td>0.08</td><td>12:21</td></tr><tr><td>Air Blank</td><td>0.00</td><td>12:22</td></tr></tbody></table>		Test	g/210L	Time	Air Blank	0.00	12:16	Subject Test	0.00	12:17	Breath Volume	2.089 LITERS		Air Blank	0.00	12:18	Wait		12:19	Air Blank	0.00	12:20	Subject Test	0.00	12:20	Breath Volume	2.058 LITERS		Air Blank	0.00	12:21	Cal Check	0.08	12:21	Air Blank	0.00	12:22	I administered said Breath-Alcohol Test in compliance with the applicable operating procedure of the Board of Tests.  SIGNATURE OF OPERATOR
Test	g/210L	Time																																				
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Air Blank	0.00	12:22																																				
NAME PAPE, CHRISTOPHER		 1907																																				
BADGE # 0000000484																																						
PERMIT # 0000023020																																						
AGENCY BOARD OF TESTS		Test Result BrAC g/210L 0.00																																				

What happens next?

Section 3

1. The Arresting Officer is required to submit the Officer's Impaired Driving Affidavit to the State of Oklahoma.
2. Upon receipt and review of the Officer's Impaired Driving Affidavit and any associated test results, if applicable, the State of Oklahoma may revoke your Oklahoma driving privileges. If you hold a commercial driver license or were driving a commercial motor vehicle, the State of Oklahoma may disqualify your privilege to operate a commercial motor vehicle. You will continue to have driving privileges, if otherwise eligible, unless or until an Order of Revocation and/or Disqualification is issued by the State of Oklahoma.
3. The State of Oklahoma will send you the Order of Revocation and/or Disqualification to the address you have on file with Service Oklahoma. To confirm or change your address on file, contact Service Oklahoma.
4. The Revocation and/or Disqualification will be effective 55 days from the date of the Order, including 10 days allowed for mailing. 47 O.S. §§2-116, 753, 754.
5. The Order of Revocation and/or Disqualification will contain important information about your rights to appeal the revocation and/or disqualification of your driving privileges. To appeal the applicable Order of Revocation and/or Disqualification your petition must be filed with the District Court of the County in which you were arrested within 40 days of the date of the order, including 10 days allowed for mailing. 47 O.S. §§2-116, 6-211.

In accordance with Title 12 O.S. Section 426, "I state under penalty of perjury under the laws of Oklahoma that the foregoing is true and correct."

Section 4

Date:	Place (location when signed):	Signature of arresting officer:
NAME PAPE, CHRISTOPHER		AGENCY BOARD OF TESTS
BADGE 0000000484	AGENCY ADDRESS INTER-AGENCY	ZIP CODE 00000
		PHONE 4054252460

OTHER WITNESSES:

Section 5

1	NAME	TITLE	ADDRESS	PHONE
2	NAME	TITLE	ADDRESS	PHONE

OFFICER'S IMPAIRED DRIVING AFFIDAVIT

8/17

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(Describe driving behavior or circumstances):

MOCK SUBJECT TEST

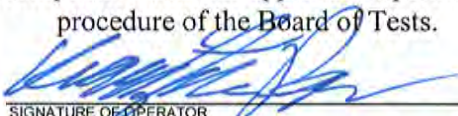
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I administered said Breath-Alcohol Test in compliance with the applicable operating procedure of the Board of Tests.		 SIGNATURE OF OPERATOR																																			
NAME PAPE, CHRISTOPHER																																					
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In accordance with Title 12 O.S. Section 426, "I state under penalty of perjury under the laws of Oklahoma that the foregoing is true and correct."

Section 4

Date: _____	Place (location when signed): _____	Signature of arresting officer: _____
NAME PAPE, CHRISTOPHER	AGENCY BOARD OF TESTS	
BADGE 0000000484	AGENCY ADDRESS INTER-AGENCY	ZIP CODE 00000
		PHONE 4054252460



9/17

STATE OF OKLAHOMA
BOARD OF TESTS FOR ALCOHOL AND DRUG INFLUENCE

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Joshua Smith
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Certificate of Analysis – Reference Solution

ALPHA INSTRUMENT
Intoxilyzer – Alcohol Analyzer
Model 8000 SN 80-002591
04/16/2024 11:24

Test	g/210L	Time
Air Blank	0.000	11:24
Cal Check	0.018	11:25
Air Blank	0.000	11:25
Cal Check	0.019	11:26
Air Blank	0.000	11:27
Cal Check	0.019	11:27
Air Blank	0.000	11:28
Cal Check	0.019	11:29
Air Blank	0.000	11:29
Cal Check	0.019	11:30
Air Blank	0.000	11:30
Cal Check	0.019	11:31
Air Blank	0.000	11:32
Cal Check	0.019	11:32
Air Blank	0.000	11:33
Cal Check	0.019	11:34
Air Blank	0.000	11:34
Cal Check	0.019	11:35
Air Blank	0.000	11:35
Cal Check	0.018	11:36
Air Blank	0.000	11:37
Cal Check Stats		
Average	0.0188	
Std Dev	0.0004	
Rel Std Dev (%)	2.2426	

NIST Traceable Breath-Alcohol Equivalent (g/210L +/- 3%) Ratio of ethanol and water free of test interfering substances.

Manufacturer: Guth	Manufactured Date: 9/25/2023	Concentration: 0.02
Lot No.: 23360	Expiration Date: 9/25/2025	Equipment Model: Guth 2100
The above solution has been analyzed via Infrared Spectroscopy utilizing the Intoxilyzer 8000 and was performed in accordance with the procedures prescribed by the State Director of Tests pursuant to 40 OAC 30-1-3. The above NIST traceable reference solution meets the requirements for use pursuant to 40 OAC 25-1-2.1. Approved breath-alcohol measurement equipment and reference solutions. Equipment used appears on the current or supplemented Conforming Products List of Calibrating Units for Breath Alcohol Testers (72 FR 34747), published by the National Highway Traffic Safety Administration.		
Signature: 	Date: 4/16/2024	
Name: Christopher Pape	Permit No.: 23020	

**GUTH LABORATORIES, INC.**

590 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-564-5470

CERTIFICATE OF ANALYSISRCVD
12/19/23
CP

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number **23360** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **September 26, 2023**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.0240%** (w/vol) ethyl alcohol. The expiration date for this lot number is **September 25, 2025** at 11:59 PM.

When used in a calibrated Simulator, operating at 34°C +/- .2°C, this solution will give a breath alcohol analysis instrument reading of **0.020 g/210L +/- 3%**.

The alcohol and water used in this solution were free of test interfering substances.

Ted L. Pauley, President
GUTH LABORATORIES, INC.

NIST Traceability:

Testing was conducted using Cerilliant Reference Standard lot number FN03122113 whose values are traceable to NIST.

All balances are calibrated annually by an outside agency using NIST traceable weights. Calibration verification is done prior to each use utilizing NIST traceable weights.



**STATE OF OKLAHOMA
BOARD OF TESTS FOR ALCOHOL AND DRUG INFLUENCE**

Dr. Jarrad Wagner, Ph.D., F-ABFT
Chairman

Post Office Box 36307
Oklahoma City, Oklahoma 73136-2307
Phone: (405) 425-2460 Fax: (405) 425-2490
www.bot.ok.gov

Joshua Smith
Director

Certificate of Analysis – Reference Solution

ALPHA INSTRUMENT

Intoxilyzer – Alcohol Analyzer

Model 8000

SN 80-002591

05/02/2024

09:26

Test	g/210L	Time
Air Blank	0.000	09:26
Cal Check	0.039	09:27
Air Blank	0.000	09:28
Cal Check	0.039	09:28
Air Blank	0.000	09:29
Cal Check	0.039	09:30
Air Blank	0.000	09:30
Cal Check	0.039	09:31
Air Blank	0.000	09:31
Cal Check	0.039	09:32
Air Blank	0.000	09:33
Cal Check	0.040	09:33
Air Blank	0.000	09:34
Cal Check	0.039	09:35
Air Blank	0.000	09:35
Cal Check	0.039	09:36
Air Blank	0.000	09:37
Cal Check	0.039	09:37
Air Blank	0.000	09:38
Cal Check	0.039	09:38
Air Blank	0.000	09:39
Cal Check Stats		
Average	0.0391	
Std Dev	0.0003	
Rel Std Dev (%)	0.8087	

NIST Traceable Breath-Alcohol Equivalent (g/210L +/- 3%) Ratio of ethanol and water free of test interfering substances.

Manufacturer: Guth	Manufactured Date: 10/24/2023	Concentration: 0.04
Lot No.: 23400	Expiration Date: 10/24/2025	Equipment Model: Guth 2100
The above solution has been analyzed via Infrared Spectroscopy utilizing the Intoxilyzer 8000 and was performed in accordance with the procedures prescribed by the State Director of Tests pursuant to 40 OAC 30-1-3. The above NIST traceable reference solution meets the requirements for use pursuant to 40 OAC 25-1-2.1. Approved breath-alcohol measurement equipment and reference solutions. Equipment used appears on the current or supplemented Conforming Products List of Calibrating Units for Breath Alcohol Testers (72 FR 34747), published by the National Highway Traffic Safety Administration.		
Signature: 	Date: 5/2/2024	
Name: Christopher Pape	Permit No.: 23020	

**GUTH LABORATORIES, INC.**

690 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-564-5470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number **23400** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **October 25, 2023**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.0484%** (w/vol) ethyl alcohol. The expiration date for this lot number is **October 24, 2025** at 11:59 PM.

When used in a calibrated Simulator, operating at 34°C +/- .2°C, this solution will give a breath alcohol analysis instrument reading of **0.040 g/210L +/- 3%**.

The alcohol and water used in this solution were free of test interfering substances.

Ted L. Pauley, President
GUTH LABORATORIES, INC.

NIST Traceability:

Testing was conducted using Cerilliant Reference Standard lot number **FN06032102** whose values are traceable to NIST.

All balances are calibrated annually by an outside agency using NIST traceable weights. Calibration verification is done prior to each use utilizing NIST traceable weights.



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Joshua Smith
Director

Certificate of Analysis – Reference Solution

ALPHA INSTRUMENT
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-002591
08/02/2024 12:55

Test	g/210L	Time
Air Blank	0.000	12:55
Cal Check	0.097	12:56
Air Blank	0.000	12:56
Cal Check	0.098	12:57
Air Blank	0.000	12:58
Cal Check	0.098	12:58
Air Blank	0.000	12:59
Cal Check	0.098	13:00
Air Blank	0.000	13:00
Cal Check	0.097	13:01
Air Blank	0.000	13:02
Cal Check	0.098	13:02
Air Blank	0.000	13:03
Cal Check	0.098	13:04
Air Blank	0.000	13:04
Cal Check	0.098	13:05
Air Blank	0.000	13:05
Cal Check	0.098	13:06
Air Blank	0.000	13:07
Cal Check	0.098	13:07
Air Blank	0.000	13:08
Cal Check Stats		
Average	0.0978	
Std Dev	0.0004	
Rel Std Dev (%)	0.4311	

NIST Traceable Breath-Alcohol Equivalent (g/210L +/- 3%) Ratio of ethanol and water free of test interfering substances.		
Manufacturer: Guth	Manufactured Date: 3/5/2024	Concentration: 0.100
Lot No.: 24110	Expiration Date: 3/5/2026	Equipment Model: Guth 2100
The above solution has been analyzed via Infrared Spectroscopy utilizing the Intoxilyzer 8000 and was performed in accordance with the procedures prescribed by the State Director of Tests pursuant to 40 OAC 30-1-3. The above NIST traceable reference solution meets the requirements for use pursuant to 40 OAC 25-1-2.1. Approved breath-alcohol measurement equipment and reference solutions. Equipment used appears on the current or supplemented Conforming Products List of Calibrating Units for Breath Alcohol Testers (72 FR 34747), published by the National Highway Traffic Safety Administration.		
Signature: 	Date: 8/2/2024	
Name: Christopher Pape	Permit No.: 23020	

**GUTH LABORATORIES, INC.**

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CERTIFICATE OF ANALYSISRCVD
6/25/24
CP

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number **24110** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **March 6, 2024**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1215%** (w/vol) ethyl alcohol. The expiration date for this lot number is **March 5, 2026** at 11:59 PM.

When used in a calibrated Simulator, operating at 34°C +/- .2°C, this solution will give a breath alcohol analysis instrument reading of **0.100 g/210L +/- 3%**.

The alcohol and water used in this solution were free of test interfering substances.

Ted L. Pauley, President
GUTH LABORATORIES, INC.

NIST Traceability:

*Testing was conducted using Cerilliant Reference Standard lot number **FN03072301** whose values are traceable to NIST.*

All balances are calibrated annually by an outside agency using NIST traceable weights. Calibration verification is done prior to each use utilizing NIST traceable weights.



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Joshua Smith
Director

Certificate of Analysis – Reference Solution

ALPHA INSTRUMENT

Intoxilyzer - Alcohol Analyzer

Model 8000

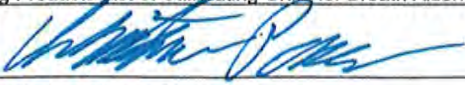
SN 80-002591

10/04/2023

09:22

Test	g/210L	Time
Air Blank	0.000	09:22
Cal Check	0.198	09:23
Air Blank	0.000	09:24
Cal Check	0.198	09:24
Air Blank	0.000	09:25
Cal Check	0.199	09:26
Air Blank	0.000	09:26
Cal Check	0.198	09:27
Air Blank	0.000	09:27
Cal Check	0.198	09:28
Air Blank	0.000	09:29
Cal Check	0.198	09:29
Air Blank	0.000	09:30
Cal Check	0.198	09:31
Air Blank	0.000	09:31
Cal Check	0.198	09:32
Air Blank	0.000	09:33
Cal Check	0.199	09:33
Air Blank	0.000	09:34
Cal Check	0.199	09:35
Air Blank	0.000	09:35
Cal Check Stats		
Average	0.1983	
Std Dev	0.0004	
Rel Std Dev(%)	0.2435	

NIST Traceable Breath-Alcohol Equivalent (g/210L +/- 3%) Ratio of ethanol and water free of test interfering substances.

Manufacturer: Guth	Manufactured Date: 9/18/2023	Concentration: 0.200
Lot No.: 23340	Expiration Date: 9/18/2025	Equipment Model: Guth 2100
The above solution has been analyzed via Infrared Spectroscopy utilizing the Intoxilyzer 8000 and was performed in accordance with the procedures prescribed by the State Director of Tests pursuant to 40 OAC 30-1-3. The above NIST traceable reference solution meets the requirements for use pursuant to 40 OAC 25-1-2.1. Approved breath-alcohol measurement equipment and reference solutions. Equipment used appears on the current or supplemented Conforming Products List of Calibrating Units for Breath Alcohol Testers (72 FR 34747), published by the National Highway Traffic Safety Administration.		
Signature: 	Date: 10/4/2023	
Name: Christopher Pape	Permit No.: 23020	

**GUTH LABORATORIES, INC.**

690 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-564-5470

CERTIFICATE OF ANALYSISRCVD
10/2/2023
CP

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number **23340** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **September 19, 2023**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.2399%** (w/vol) ethyl alcohol. The expiration date for this lot number is **September 18, 2025** at 11:59 PM.

When used in a calibrated Simulator, operating at 34°C +/- .2°C, this solution will give a breath alcohol analysis instrument reading of **0.200 g/210L +/- 3%**.

The alcohol and water used in this solution were free of test interfering substances.

Ted L. Pauley, President
GUTH LABORATORIES, INC.

NIST Traceability:

Testing was conducted using Cerilliant Reference Standard lot number FN09142002 whose values are traceable to NIST.

All balances are calibrated annually by an outside agency using NIST traceable weights. Calibration verification is done prior to each use utilizing NIST traceable weights.

<u>Location Returned From</u> Jay PD	<u>Unit Serial #</u> 80-003462	17/17 <u>Date:</u> 8/6/24
<u>Inventory Process</u> Old Cylinder #: 15922080A3-007 ☒ Unit checked in to BOT ☒ New Unit Checked out ☒ Unlink Gas Canister from Unit ☒ Remove old cylinder from unit (After Lab Evaluation) ☒ Old cylinder disposed in inventory ☒ Old cylinder archived		
<u>Check in Procedure</u> ☒ Connect unit to ethernet connection 172.019.004. 132 ☒ Download any stored records <u>85</u> ☒ Change unit location to Serial number ☒ Update Unit Date and time Previous time: <u>8/7/24 1310</u> New Time: <u>8/7/24 1316</u> ☒ Execute a new Forms load on the unit	<u>Notes from the Field</u> ☒ Routine Swap ☐ Issues in the Field	
<u>Lab Evaluation</u> Breath Hose Hold Vacuum?: ☒ Test Chamber Hold Vacuum?: ☒		
<u>DVM</u> 3µm <u>13503</u> 9µm <u>13961</u> Chamber Temp <u>47.00</u> Breath Hose Temp <u>45</u> Snap Test ok? ☒ RFI Detected? ☒		
<u>Peripheral Tests</u> Speaker (F5) ☒ Gas Regulator (F11) ☒ Power LED Green (F6) ☒ Pump (F10) ☒ Red (F7) ☒ Receipt paper ☒ Fan (F9) ☒		
<u>Atmospheric Sensor</u> Pressure <u>964</u> Correction Factor <u>1.04</u> Flow Sensor Resistance <u>181</u> Tank Sensor Value <u>907</u> Is regulator close to Tank Sensor Value? ☒ Yes / ☐ No		
<u>Sent to CMI (If needed)</u> Reason Sent Date Sent _____ Invoice Sent _____ Date Returned _____		
<u>Repairs needed:</u> 	<u>Repairs Made:</u> Ready for Bench Check? ☒	
<u>Inventory Process</u> ☐ Linked Cylinder to Unit ☐ Changed Unit Status ☐ Bench Check Report Completed ☐ Bench Check Technician Report ☐ Mock Subject Test Completed ☐ Certificate of Calibration and Operation ☐ Service Overview Completed <u>To complete if unit sent to CMI</u> ☐ CMI Workorder ☐ CMI Certificate of Calibration ☐ CMI Service Evaluation Form		